

CLAIMS

1. A control device for a module (10) forming a lock mechanism, of the type comprising a Bowden-type cable
5 containing a cable (14) having two ends, a proximal end (14P) and a distal end respectively, this cable being housed in a jacket (18) having two ends, a proximal end (18P) and a distal end (18D) respectively, which are immobilized by two proximal (20P) and distal (20D)
10 retaining elements, characterized in that at least a first end (18P) of the jacket (18) is connected to a corresponding first retaining element (20P) by means of a connecting element (22) attached to the first end (18P) of the jacket (18).
- 15 2. The device as claimed in claim 1, characterized in that the connecting element (22) is overmolded on the first end (18P) of the jacket (18).
- 20 3. The device as claimed in claim 1 or 2, characterized in that the connecting element (22) is ultrasonically welded to the first retaining element (20P).
- 25 4. The device as claimed in claim 3, characterized in that the connecting element (22) and the first retaining element (20P) comprise complementary welding faces (28, 30) each provided with fusible ribs (32, 34), the ribs (32) borne by the welding face (28) of
30 the connecting element (22) being substantially perpendicular to the ribs (34) borne by the welding face (30) of the first retaining element (20P).
- 35 5. The device as claimed in claim 4, characterized in that the complementary welding faces (28, 30) are provided on complementary interlocking parts of the connecting element (22) and the first retaining element (20P).

6. The device as claimed in claim 5, characterized in that the interlocking part of the first retaining element (20P) forms a longitudinal channel (G) for the interlocking of the connecting element (22), the welding face (30) of the first retaining element (20P) forming a base of the channel (G), the fusible ribs (34) of the first retaining element (20P) preferably extending longitudinally.

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7. The device as claimed in claim 5 or 6, characterized in that the complementary interlocking parts of the connecting element (22) and of the first retaining element (20P) comprise fusible complementary welding shoulders (36, 38).

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8. The device as claimed in claims 6 and 7 taken together, characterized in that the first retaining element (20P) contains two fusible ribs (34) extending longitudinally on either side of the jacket (18) and two fusible welding shoulders (38) extending longitudinally on either side of the jacket (18), the fusible ribs (34) and the fusible welding shoulders (38) of the first retaining element (20P) thus being offset laterally with respect to the jacket (18) or, at the very least, with respect to the axis of this jacket (18).

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9. The device as claimed in any one of claims 5 to 8, characterized in that the interlocking part of the first retaining element (20P) is extended by a shell (24) provided with means (26) for securing it to a fixed support.

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10. The device as claimed in any one of the preceding claims, characterized in that the first end (18P) of the jacket (18) is its proximal end.

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11. The device as claimed in claims 9 and 10 taken

together, characterized in that the proximal end (14P) of the cable (14) is provided with a block (16) for securing this cable (14), the shell (24) forming a housing for this securing block (16).

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12. The device as claimed in any one of the preceding claims, characterized in that the jacket (18) is formed by at least one wire, particularly a metal wire, wound into a spiral with contiguous turns.

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13. The device as claimed in any one of the preceding claims, characterized in that the module (10) forming a control mechanism is arranged in an opening leaf of a motor vehicle, particularly a side door of the vehicle.